STORM SEWER SCHEDULE

	No.	Description
	1	DI-3C, L=6', TOP=139.07', H=3.77'
	2	42 LF OF 12" CL III CONC. PIPE @ 1.0 %, INV. IN=135.30', INV. OUT=134.88'
	3	DI-3C, L=12', TOP=139.07', H=4.29'
	3a	26 LF OF 18" CL III CONC. PIPE @ 1.0 %, INV. IN=135.14, INV. OUT=134.88 W/ ES-1
	4	156 LF OF 30" CL III CONC. PIPE @ 0.40 %, INV. IN=134.78', INV. OUT=134.16'
	5	DI-3B, L=6', TOP=139.77', H=5.64'
	6	436 LF OF 30" CL III CONC. PIPE @ 0.40 %, INV. IN=134.06', INV. OUT=132.31'
	7	DI-3B, L=6', TOP=139.94', H=7.73'
	8	85 LF OF 30" CL III CONC. PIPE @ 0.40 %, INV. IN=132.21', INV. OUT=131.87'
	9	DI-3B, L=10', TOP=140.70', H=4.0'
	10	159 LF OF 15" CL III CONC. PIPE @ 1.96 %, INV. IN=136.70', INV. OUT=133.08'
	11	MANHOLE, TOP=139.80', H=7.56'
	12	102 LF OF 30" CL III CONC. PIPE @ 0.40 %, INV. IN=131.77', INV. OUT=131.36'
	13	DI-3B, L=4', TOP=138.97', H=3.87'
	14	42 LF OF 12" CL III CONC. PIPE @ 1.0 %, INV. IN=135.10', INV. OUT=134.68'
	15	DI-4B, L=6', TOP=138.97', H=7.71'
	16	152 LF OF 36" CL III CONC. PIPE @ 0.36 %, INV. IN=131.26', INV. OUT=130.71'
	17	DI-3C, L=6', TOP=138.48', H=3.98'
	18	42 LF OF 12" CL III CONC. PIPE @ 1.0 %, INV. IN=134.50', INV. OUT=134.08'
	19	DI-4C, L=8', TOP=138.48', H=7.87'
	20	208 LF OF 36" CL III CONC. PIPE @ 0.36 %, INV. IN=130.61', INV. OUT=129.86'
	21	DI-4AA, L=4', TOP=139.91', H=10.15' (4'x1' SLOT OPENING IN REAR OF BOX ELEV.=138.20)
	22	370 LF OF 36" CL III CONC. PIPE @ 0.36 %, INV. IN=129.76', INV. OUT=128.43'
FUTURE	23	DI-3B, L=4', TOP=138.39', H=3.70'
FUTURE	24	34 LF OF 12" CL III CONC. PIPE @ 0.50 %, INV. IN=134.69', INV. OUT=134.52'
FUTURE	25	DI-3B, L=4', TOP=138.39', H=4.12'
FUTURE	26	158 LF OF 15" CL III CONC. PIPE @ 0.50 %, INV. IN=134.27', INV. OUT=133.48'
FUTURE	27	DI-3C, L=8', TOP=139.49', H=3.79'
FUTURE	28	34 LF OF 12" CL III CONC. PIPE @ 1.0 %, INV. IN=135.70', INV. OUT=135.36'
FUTURE	29	DI-3B, L=4', TOP=139.49', H=4.38'
FUTURE	30	158 LF OF 15" CL III CONC. PIPE @ 0.50 %, INV. IN=135.11', INV. OUT=134.32'
FUTURE	31	DI-1, TOP=138.00', H=4.52'
FUTURE	32	138 LF OF 15" CL III CONC. PIPE @ 1.80 %, INV. IN=133.48', INV. OUT=130.99'
FUTURE	33	DI-3B, L=4', TOP=138.93', H=7.84'
	34	42 LF OF 18" CL III CONC. PIPE @ 2.76 %, INV. IN=131.09', INV. OUT=129.93'
	35	DI-4CC, L=12', TOP=138.93', H=10.6'
	36	154 LF OF 36" CL III CONC. PIPE @ 0.33 %, INV. IN=128.33', INV. OUT=127.82'
	37	DI-1, TOP=140.50', H=12.68'
	38	88 LF OF 15" CL III CONC. PIPE @ 0.50 %, INV. IN=138.84, INV. OUT=138.40

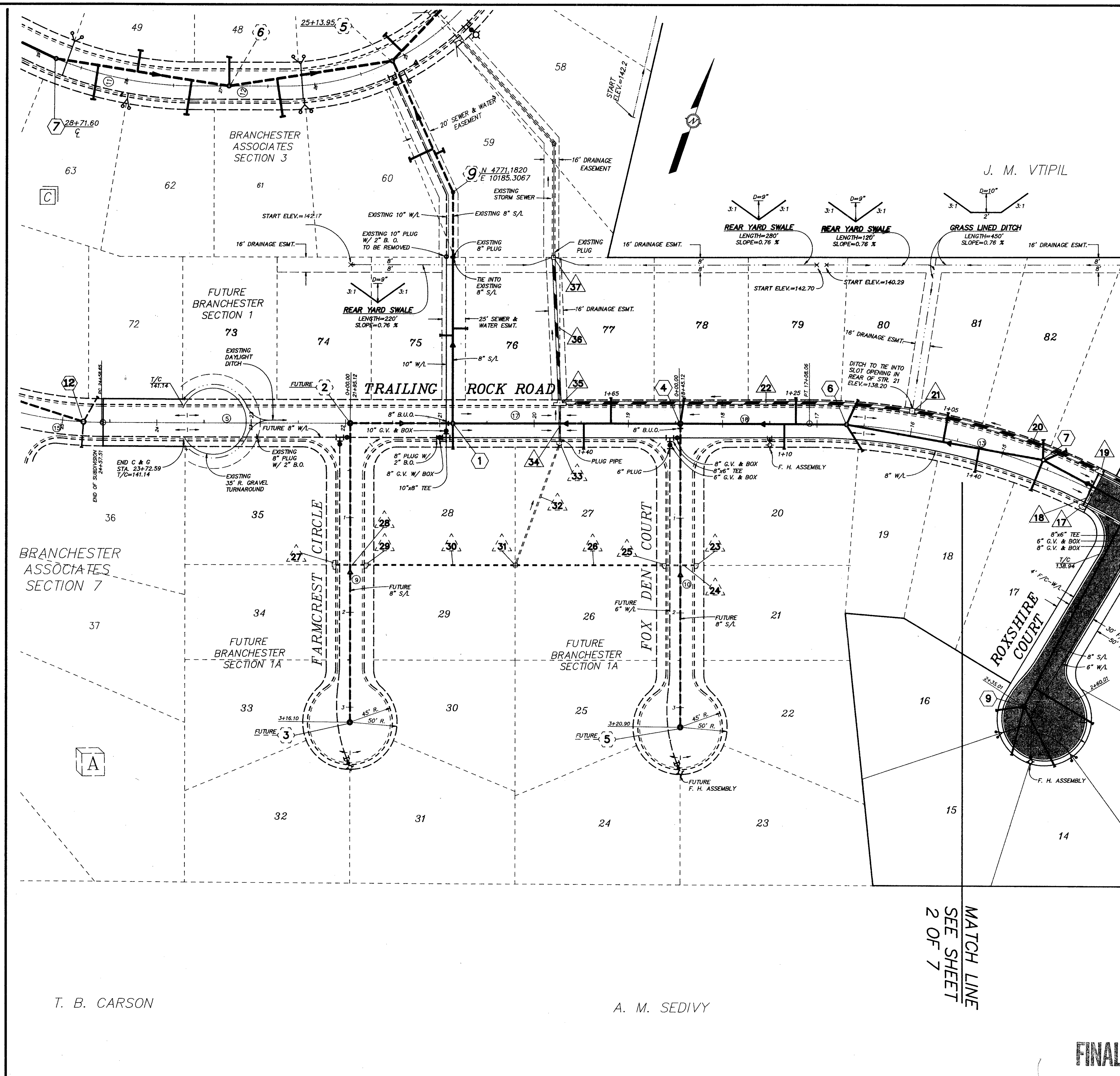
SANITARY SEWER SCHEDULE

From	To	Bearing	Distance
PLUG 1		S 18°59'37" E	175.00'
1	2	S 71°00'27" W	108.75'
1	4	N 71°00'27" E	241.25'
2	3	S 18°59'32" E	316.10'
4	6	N 71°22'45" E	176.30'
4	5	S 18°59'33" E	320.90'
6	7	N 81°11'42" E	211.93'
7	8	S 80°44'00" E	104.25'
8	9	S 9°02'05" W	238.59'
8	10	S 70°31'45" E	231.35'
10	14	S 79°23'44" E	103.80'
10	11	N 20°09'57" E	188.10'
14	15	N 79°28'24" E	221.65'
11	12	N 32°17'10" E	142.65'
15	16	N 70°00'48" E	402.63'
12	13	N 67°23'57" E	222.81'

℄ CURVE DATA

	Δ/B	R	L/D	T
1	5°00'41"	2285.16'	199.87'	100.00'
2	S 71°13'31" W		260.56'	
3	11°06'20"	440.00'	85.28'	42.78'
4	13°00'27"	673.95'	153.00'	76.83'
5	N 71°00'27" E		262.39'	
6	N 14°07'05" E		188.74'	
7	57°06'26"	228.75'	228.00'	124.48'
8	S 71°13'31" W		141.19'	
9	S 18°59'32" E		316.10'	
10	S 18°59'33" E		320.90'	
11	S 12°11'23" W		235.01'	
12	S 66°12'50" W		388.50'	
13	31°12'35"	673.95'	367.11'	188.23'
14	32°53'39"	440.00'	252.61'	129.89'
15	14°28'07"	367.35'	92.77'	46.63'
16	N 77°48'37" W		25.00'	
17	N 71°00'27" E		350.00'	
18	N 71°00'27" E		137.06'	

327606



J.K. TIMMONS & ASSOC.

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COMMONWEALTH OF VIRGINIA
EDWARD L GLASS
No. 17564
PROFESSIONAL ENGINEER

DATE	REVISION DESCRIPTION
4-21-92	VDOT & COUNTY REVISIONS

BRANCHESTER LAKES * SECTION 1
PLAN SHEET

DATE	3-5-92
DRAWN BY	B.R.G.
DESIGNED BY	D.A.J.
CHECKED BY	E.L.G.
SCALE	1"=50'
SHEET NO.	3 OF 7
JOB NO.	14930